

Department of Career and Technical Education

Agency Information

- Provide technical assistance, professional development activities, and perform evaluations for all CTE programs in the state, which includes 739 secondary and 107 postsecondary programs.
- Have 175 individual CTE courses offered as electives to all schools.
- Developed Career Clusters curriculum for schools to help introduce students in grades 9 and 10 to careers through hands on exploration.
- Initiated “Clinical Practice” an alternative teacher certification for individuals transitioning from industry and other levels of education to teaching at the secondary and postsecondary level.
- High school course enrollment in CTE is 31,383. The unduplicated high school student count is 22,728 or 71% of all high school students. The percent of students enrolled has increased over the past three years.
- Cooperative arrangements between schools provide more CTE programs to more students. The largest increase involved the number of courses being offered via video conferencing. Currently there are 57 schools, 22 different program offerings, and 90 sections of CTE offered over ITV.
- Partnered with Cisco (only state) to provide free Networking and IT curriculum and training (worth \$1.7 million) to schools.
- Partnered with Oracle to provide free programming software, curriculum, and training (worth \$1.1 million) to schools.
- Provided schools and colleges statewide licensing for IT skills testing through CompTia and GIS-Arcview software.
- Provide funding for six Emerging Technology consortiums which rotate high tech equipment between 70 member schools.

- Adopting national and/or industry standards in all CTE curricular areas as well as developing crosswalks with the state academic standards.
- Only state to partner with OSHA to promote safety and enable students to obtain the 10 hour OSHA safety card.
- Partnered with AGC of ND to sponsor statewide industry accreditation of secondary and postsecondary construction tech programs.
- Integrating and identifying academic content throughout CTE curriculum.
- Support Career Development programs in 109 school districts (70 counselors – 47 FTE's) through technical and financial assistance. Have been designated by the Workforce Development Council as the lead agency for Career Development activities.
- Initiated development of Career Academies with North Dakota industries for high school students in Telecommunications, Construction, Manufacturing, Information Technology, Culinary Arts, and junior high technology camps.
- Align technical programs and instructor certifications with industry and national standards. Examples of industry program certifications are NATEF and NCCER. Instructor certifications: Cisco's – CCNA and CCAI, Microsoft MOUS certifications, CompTia's A+ and Net+.
- Work with 1,119 farmers & ranchers representing 625 farms through Adult Farm Management programs, and support 17 marketing clubs across the state.
- Provide leadership, support, and curriculum integration activities for student organizations: FFA, DECA, Skills USA, FBLA, TSA and FCCLA. Postsecondary organizations PAS, PBL, Delta Epsilon Chi, and SkillsUSA.